



PTO/SB/08B (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Page 1 of 2

Complete if Known

Application Number	10/043,629
Filing Date	January 10, 2002
First Named Inventor	Budach
Art Unit	2877
Examiner Name	to be assigned
Attorney Docket Number	021430-000210US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PJK	AA	US-4,810,658	03/07/1989	Shanks et al.	
PJK	AB	US-4,826,387	05/09/1989	Sawyers et al.	
PJK	AC	US-4,952,056	08/28/1990	Tiefenthaler	
PJK	AD	US-4,978,503	12/18/1990	Shanks et al.	
PJK	AE	US-4,992,365	02/12/1991	Godfrey	
PJK	AF	US-5,164,589	11/17/1992	Sjodin	
PJK	AG	US-5,186,897	02/18/1993	Eason et al.	
PJK	AH	US-5,192,502	03/09/1993	Attridge et al.	
PJK	AI	US-5,242,828	09/07/1993	Bergström et al.	
PJK	AJ	US-5,312,729	05/17/1994	Allen et al.	
PJK	AK	US-5,374,563	12/20/1994	Maule	
PJK	AL	US-5,415,842	05/16/1995	Maule	
PJK	AM	US-5,434,663	06/18/1995	Maule	
PJK	AN	US-5,436,161	06/25/1995	Bergström et al.	
PJK	AO	US-5,468,620	11/21/1995	Molloy et al.	
PJK	AP	US-5,478,756	12/26/1995	Gizoli et al.	
PJK	AQ	US-5,480,887	01/02/1996	Heming et al.	
PJK	AR	US-5,491,556	02/13/1996	Stewart et al.	
PJK	AS	US-5,492,840	02/20/1996	Malmqvist et al.	
PJK	AT	US-5,532,170	07/02/1996	Buckle et al.	
PJK	AU	US-5,554,541	09/10/1996	Malmqvist et al.	
PJK	AV	US-5,631,734	05/20/1997	Stem et al.	
PJK	AW	US-5,641,640	06/24/1997	Hanning	
PJK	AX	US-5,663,790	09/02/1997	Ekström et al.	
PJK	AY	US-5,716,854	02/10/1998	Lofås et al.	
PJK	AZ	US-5,770,462	06/23/1998	Molloy	
PJK	BA	US-5,822,472	10/13/1998	Danielzik et al.	
PJK	BB	US-5,830,766	11/03/1998	Attridge et al.	
PJK	BC	US-5,874,219	02/23/1998	Rava et al.	
PJK	BD	US-5,898,503	04/27/1999	Keller et al.	
PJK	BE	US-5,912,456	06/15/1999	Melendez et al.	
PJK	BF	US-5,946,083	08/31/1999	Melendez et al.	
PJK	BG	US-5,955,729	09/21/1999	Nelson et al.	
PJK	BH	US-5,959,292	09/28/1999	Duveneck et al.	

Examiner
Signature

PATRICK CONNALLY

Date

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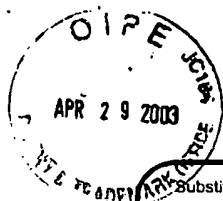
10.15.2005

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WC 9056889 v1



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		Number	Kind Code ² (# known)			
PJC	BI	US-5,965,456		10/12/1999	Malmqvist et al.	
PJC	BJ	US-5,972,612		10/26/1999	Malmqvist et al.	
PJC	BK	US-5,981,956		11/09/1999	Stern	
PJC	BL	US-6,078,705		06/20/2000	Neuschäfer et al.	
PJC	BM	US-6,093,536		07/26/2000	Drake et al.	
PJC	BN	US-6,111,248		08/29/2000	Melendez et al.	
PJC	BO	US-6,111,652		08/29/2000	Melendez et al.	
PJC	BP	US-6,127,183		10/03/2000	Ivarsson et al.	
PJC	BQ	US-6,141,096		10/31/2000	Stern et al.	
PJC	BR	US-6,143,574		11/07/2000	Karlsson et al.	
PJC	BS	US-6,183,696		02/06/2001	Elkind et al.	
PJC	BT	US-6,191,847		02/20/2001	Melendez et al.	
PJC	BU	US-6,198,869		03/06/2001	Kraus et al.	
PJC	BV	US-6,200,814		03/13/2001	Malmqvist et al.	
PJC	BW	US-6,203,989		03/20/2001	Goldberg et al.	
PJC	BX	US-6,207,381		03/27/2001	Larsson et al.	
PJC	BY	US-6,207,960		03/27/2001	Stern	
PJC	BZ	US-6,211,954		04/03/2001	Danielzik et al.	
PJC	CA	US-6,225,625		05/01/2001	Pimung et al.	
PJC	CB	US-6,245,578		06/12/2001	Molloy	
PJC	CC	US-6,252,236		06/26/2001	Trulsson et al.	
PJC	CD	US-6,289,144		09/11/2001	Neuschäfer et al.	
PJC	CE	US-6,289,288		09/11/2001	Andersson et al.	
PJC	CF	US-6,294,327		09/25/2001	Walton et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³	Number ⁴	Kind Code ⁵ (# known)				

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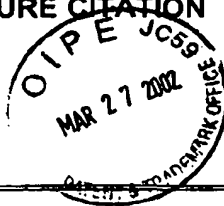
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FORM PTO-1449
(REV. 7-85)

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Sheet 1 of 1

ATTY. DOCKET NO.
4-31016B/N1/USN
APPLICATION NO.
10/043,629
APPLICANT
BUDACH ET AL.
FILING DATE
JANUARY 10, 2002

Group
2877

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PJC	AA	6,218,194	4/14/01	Lyndin et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
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	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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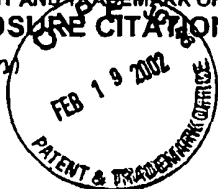
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BUDACH ET AL.
FILING DATE
JANUARY 9, 2002

Sheet 1 of 3

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Group
TC 2800 MAIL ROOM

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PJL	AD	4,882,288	11/21/89	North et al.	436	525	
PJL	AE	4,931,384	6/5/90	Layton et al.	435	7	
PJL	AF	5,006,716	4/9/91	Hall	250	450	
PJL	AG	5,082,629	1/21/92	Burgess, Jr. et al.	422	82.11	
PJC	AA	5,208,111	5/4/93	Decher et al.	428	420	
PJL	AH	5,294,402	3/15/94	Schrepp et al.	422	57	
PJL	AI	5,455,178	10/3/95	Fattinger	436	164	
PJL	AB	5,712,705	1/27/98	Fattinger et al.	360	354	
PJL	AC	5,738,825	4/14/98	Helmut Rudigier et al.	422	82.11	
PJL	AJ	5,779,978	7/14/98	Hartmann et al.	422	82.06	
PJL	AK	5,846,843	12/8/98	Simon	436	527	
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FOREIGN PATENT DOCUMENTS

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PJL	AM	0 178 083	4/16/86	Europe			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AN	2 227 089	7/18/90	United Kingdom			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AO	2 256 477	12/9/92	United Kingdom			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AP	WO 90/03382	4/5/90	PCT			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AQ	WO 91/16425	10/31/91	PCT(See Attached Abstract)			<input type="checkbox"/>	<input type="checkbox"/>

PJL	AR	Adlard, et al., The American Physical Society, Physical Review Letters, Vol. 79, No. 9, "Localization of One-Photon States", pp. 1585-1587, (1997)						
PJL	AS	Parriaux, et al., Pure Appl. Opt. 5, Printed in the UK, "Coupling gratings as waveguide functional elements", pp. 453-469 (1996)						
PJL	AT	Rosenblatt, et al., IEEE Journal of Quantum Electronics, Vol. 33, No. 11, "Resonant Grating Waveguide Structures", November 1997						

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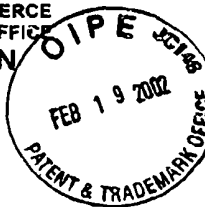
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TC 2800 MAIL ROOM

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLAS S	TRANSLATION	
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PJL	AG	0 455 067 A2	11/6/91	Europe			<input type="checkbox"/>	<input type="checkbox"/>
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PJL	AD	WO 96/26432	8/29/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AH	WO 96/35940	11/14/96	PCT			<input type="checkbox"/>	<input type="checkbox"/>
PJL	AE	WO 97/02357	1/23/97	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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PJL	AF	WO 98/27430	6/25/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

P7C	AD	Dolder, et al., Derwent Abstracts, 1991-339813 [46], "Method for the Light-Induced Immobilization of Biomolecules on Chemically "inert" Surfaces" (WO 91/16425 - 10/31/91)
P7C	AA	Sychugov, et al., Sensors and Actuators, B 38-39, "Waveguide coupling fratings for high-sensitivity biochemical sensore", pp. 360-364 (1997)
P7C	AB	Tyagi, et al., Nature Biotechnology, "Molecular Beacons: Probes that Fluoresce upon Hybridization", Vol. 14, pp. 303-308 (March 1996)
P7C	AC	Wang, et al., Applied Optics, Vol. 32, No. 14, "Theory and application of guided-mode r sonance filters", (May 10, 1993)
P7C	AE	Kogelnik, H., "Theory of Optical Waveguides", ed. Tamit, T., Guided-Wave Optoelectronics, pp. 7-88, Springer-Verlag:New York, (1988)
	AF	
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